

Wetland Delineation Workshop

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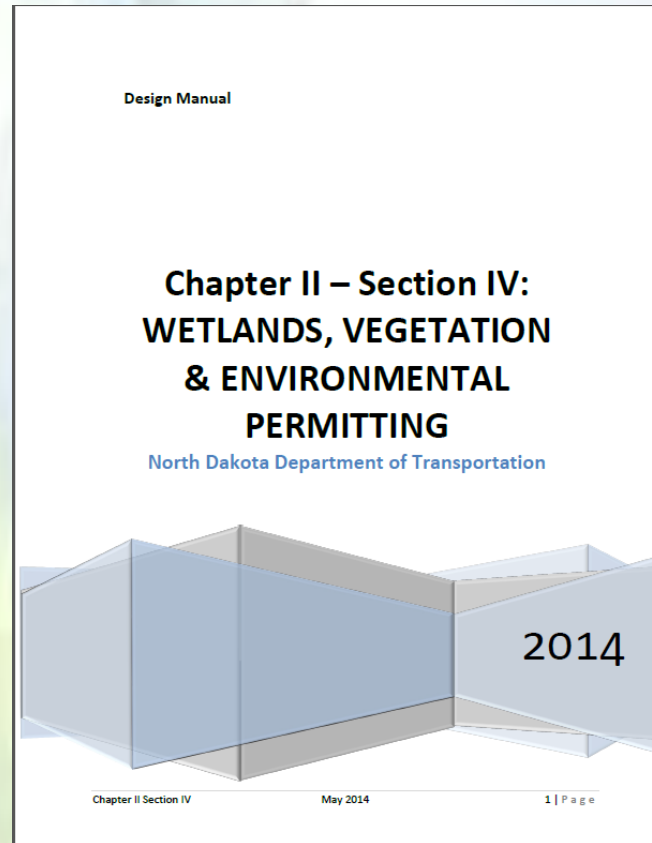
New in 2014

► Design Manual:

- Chapter II Section IV: Wetland, Vegetation and Environmental Permitting
- Reference and Forms: Environmental Information
 - Appendix A – Wetland Report Examples
 - Appendix B – Wetland Resources
 - Appendix C – Permit Examples
 - Appendix D – Checklists
 - Appendix E – Miscellaneous Resources
 - Appendix F – Forms

Design Manual:

- ▶ Chapter II Section IV: Wetland, Vegetation and Environmental Permitting



<http://www.dot.nd.gov/manuals/design/designmanual/designmanual.htm>

Reference and Forms

► Environmental Information

Environmental Information (Chapter 2 Section 4 Appendix)

| Resource files | Type | Revised |
|--|-------------------|-----------|
| Appendix A1 Example Wetland Report - Field Delineation | W | 5/12/2014 |
| Appendix A2 Example Wetland Report - Office Delineation | W | 5/12/2014 |
| Appendix A3 GIS Attribute Table | W | 5/12/2014 |
| Appendix A4 Wetland OW Table Template | W | 5/12/2014 |
| Appendix A5 Wetland OW Impact Table Template | W | 5/12/2014 |
| Appendix A6 Wetland Mitigation Monitoring and Success Criteria | W | 5/12/2014 |
| Appendix A7 Mitigation Monitoring Report Example | W | 5/12/2014 |
| Appendix A8 Mitigation Monitoring Letter to Landowner (Template) | W | 5/12/2014 |
| Appendix A9 Twelve Components of Mitigation Plan Guidelines | W | 5/12/2014 |
| Appendix A10 Twelve Components of Mitigation Plan Example | W | 5/12/2014 |
| Appendix B1 USACE 404 Jurisdictional Information and Examples | W | 5/12/2014 |
| Appendix B2 Request of USACE Jurisdictional Determination Template | W | 5/12/2014 |
| Appendix B3 Additional Information for Wetland Jurisdictional Requests on NDDOT Projects | W | 5/12/2014 |
| Appendix B4 Wetland Classification Illustrations and Charts | W | 5/12/2014 |

<http://www.dot.nd.gov/manuals/design/designmanual/reference-forms.htm>

Also New in 2014

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- Business:
 - Environmental and Cultural

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Contractors, consultants, engineers, materials and resources.

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Civil Rights

DBE Program, Contractor Compliance Review Program, On-the-Job Training Program, Labor Compliance Program, Title VI and Nondiscrimination Program/ADA, Title VII (Internal EEO) Program.

- [Civil Rights Program Areas](#)

Bid Opportunities

- [Non-Construction Bid Proposal Opportunities](#)
 - Access the ND State Procurement Office to view all NDDOT Non-Construction bids and proposals for commodities and services.
- [Current Non-Construction Contracts](#)
- [Construction Bid Opening Information](#)
- [Maintenance Equipment Pre-Approval Process Procedure PDF](#)
- [Maintenance Equipment Pre-Approval Vendor Agreement \(SFN59659\) PDF](#)
- [Maintenance Pre-approved Equipment List PDF](#)

Environmental and Cultural

Cultural, environmental

- [Environmental Permitting](#)
- [Material Source Approval](#)
- [Noise](#)
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Webpages

► Environmental Permitting

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NDDOT Resources

- **Plan Preparation Guide**
 - Contains a collection of reoccurring plan sheets and notes.
- **CADD Standards**
 - NDDOT CADD Standards and associated resource files.
- **NDDOT FTP Site**
- **Environmental Laws and Regulations** PDF
- **Threatened and Endangered Species** PDF
- **Design Manual**
 - **Chapter II Section IV: Wetlands, Vegetation and Environmental Permitting**
 - **Reference and Forms**
 - Environmental Information
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 - Appendix F – Forms

United States Army Corps of Engineers (USACE)

- **Omaha District Permitting Program**
- **Omaha District Regulatory Program: Jurisdictional Information and Section 404 Permit Information**

Definitions

- **33 CFR Part 328** (Definition of Waters of the United States)
- **33 CFR Part 329** (Definition of Navigable Waters of the US)

Section 404 of the Clean Water Act Permits

- This permit is obtained from the Corps for the discharge of dredge or fill material into waters of the United States, including wetlands.

Section 10 of the Rivers and Harbors Act of 1899 Permit.

- This permit is for structures or work (other than bridges and causeways) affecting the navigable waters of the United States.

Nationwide Permits

- **Nationwide Permits**
- **Questions and Answers**
- NWP 3 – Maintenance
- NWP 14 – Linear Transportation Projects
- NWP 23 – Approved Categorical Exclusions

Individual Permits

- Individual permits are needed when impacts are outside of the nationwide permit threshold.

North Dakota State Water Commission (NDSWC)

- **Sovereign Lands Information and Application Form**
- **Water Permit information and Application Form**
- **Floodplain Permit Information**
- **Floodplain/Floodway Management Permits**
 - Additional information available from the Federal Emergency Management Agency.
- **Application/Notification to Construct or Modify a Dam, Dike, Ring Dike or Other Water Resource Facility**

US Fish and Wildlife (USFWS)

- **General Special Use Permit Information**

US Coast Guard (USCG)

- **Section 9 Permit**
 - Permit for construction of bridges or causeways over navigable waters of the United States.

Federal Emergency Management Agency (FEMA)

- **FEMA Flood Insurance Rate Maps (FIRM)**

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<http://www.dot.nd.gov/divisions/environmental/permits.htm>






Webpages




► Wetlands

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Wetlands

Wetlands are transitional areas between land and water. Wetlands are saturated with water or covered by shallow water at least part of most years. Only specially adapted plants can thrive in these wet, saturated soil conditions.

Wetlands include, but not limited to, swamps, marshes, bogs, prairie potholes, sloughs, and wetland fringe adjacent to streams. Less obvious wetlands may only hold water for a few weeks in the spring. The U. S. Environmental Protection Agency and the U.S. Army Corps of Engineers provide a more technical definition for wetlands they regulate Federal, state and local authorities regulate wetlands.

As a public works agency, NDDOT must obtain appropriate approvals and permits from regulatory agencies when projects will have unavoidable adverse impacts to wetlands. The goal of the Wetlands Program is to ensure that wetland and water resources are accurately identified during project development and that appropriate measures are taken to avoid and minimize impacts whenever feasible, then compensate if needed.

NDDOT References

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- [CADD Standards](#)
 - NDDOT CADD Standards and associated resource files.
- [Environmental Permitting Page](#)
 - Design Manual
 - [Chapter II Section IV: Wetlands, Vegetation and Environmental Permitting](#)
 - [Reference and Forms](#)
 - [Environmental Information](#)
 - [Appendix A - Wetland Report Examples](#)
 - [Appendix B - Wetland Resources](#)
 - [Appendix C - Permit Examples](#)
 - [Appendix D - Checklists](#)
 - [Appendix E - Miscellaneous Resources](#)

Contact Staff

- Phone: (701) 328-3736
- Email: [Wetland Mitigation Section](#)

Environmental Protection Agency (EPA)

- [Wetlands - Technical Definition](#)

United States Fish and Wildlife Service

- [National Wetlands Inventory](#)
- [Wetlands Mapper](#)

<http://www.dot.nd.gov/divisions/environmental/wetland-mitigation.htm>

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